Oracle FLEXCUBE UBS - Common Core Integration

Oracle FLEXCUBE Universal Banking

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Oracle FLEXCUBE UBS - Common Core Integration User Guide
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1. Preface

1.1 Introduction

This document helps you get acquainted with the information on inter-connecting Oracle FLEXCUBE Universal Banking System (FCUBS) with Common Core.

Besides this user manual, while maintaining the interface related details, you can invoke the context sensitive help available for each field in FCUBS. This help describes the purpose of each field within a screen. You can obtain this information by placing the cursor on the relevant field and striking the <F1> key on the keyboard.

1.2 Audience

This manual is intended for the following User/User Roles:

Role	Function
Back office data entry Clerks	Input functions for maintenance related to the interface
End of day operators	Processing during end of day
Implementation Teams	For setting up integration

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.4 Critical Patches

Oracle advices customers to get all their security and vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by Oracle Software Security Assurance.

1.5 Organization

This chapter is organized into following chapters:

Chapter	Description
Chapter 1	*Preface* gives information on the intended audience. It also lists the various chapters covered in this User Manual.
Chapter 2	*Oracle FCUBS - Common Core Integration* explains the integration between Oracle FLEXCUBE Universal Banking and Common Core.

1.6 Acronyms and Abbreviations

Abbreviation	Description
System	Unless and otherwise specified, it always refers to Oracle FLEXCUBE Universal Banking system
FCUBS	Oracle FLEXCUBE Universal Banking System
ASYNC	Asynchronous
GUI	Graphic User Interface

1.7 Glossary of Icons

This user manual may refer to all or some of the following icons.

Icons	Function
	Exit
	Add row
	Delete row
	Option List

1.8 Related Information Sources

Along with this user manual you may also refer the following related resources:

- Oracle FLEXCUBE Universal Banking Installation Manual
- Common Core - Core Entities and Services User Guide
- Core Services User Guide

2. Oracle FCUBS - Common Core Integration

Common Core caters to the basic maintenances such as bank and branch parameters, currency definition, rates, holiday maintenance, time zones, BIC maintenance, MIS class/ codes, Generic interface (GI), End of cycle subsystem, UDF subsystem and the Electronic messaging system.

Core entities such as system dates, currency definition, currency rates and holiday calendar will be accessed by FCUBS.

This chapter contains the following sections:

- Section 2.1, "Scope"
- Section 2.2, "Prerequisites"
- Section 2.3, "Integration Process"

2.1 Scope

This section describes the scope of the integration with respect to FCUBS and Common Core.

2.2 Prerequisites

Set up Oracle FLEXCUBE Universal Banking Application and Oracle FLEXCUBE Payments Application.

Refer the 'Oracle FLEXCUBE Universal Banking Installation' manual.

2.3 Integration Process

This section contains the following topics:

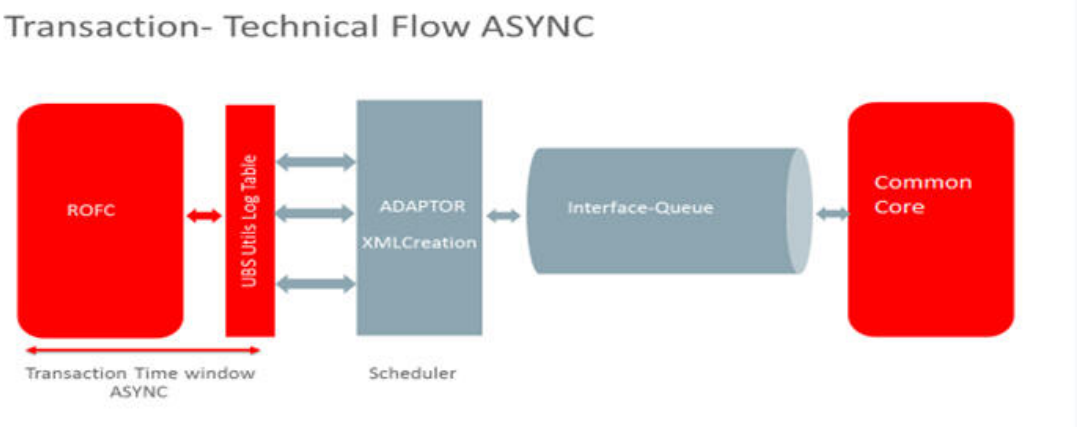
- Section 2.3.1, "Technical Flow"
- Section 2.3.2, "Core Entity Processing Queue"
- Section 2.3.3, "Installation Parameters"
- Section 2.3.4, "Integration Maintenance"

2.3.1 Technical Flow

The system populates core entities through an ASYNC process. The below steps describes the integration flow in detail:

- After creation of core entities in FCUBS, requests are logged in existing UBS Queue table with 'X' status. After completing the authorization in FCUBS, status will be changed to 'P' in Queue table.
- A Job will pick these Core entity requests which are in pending status and form the web service XML requests.
- System creates a consolidated XML request for each transaction reference.

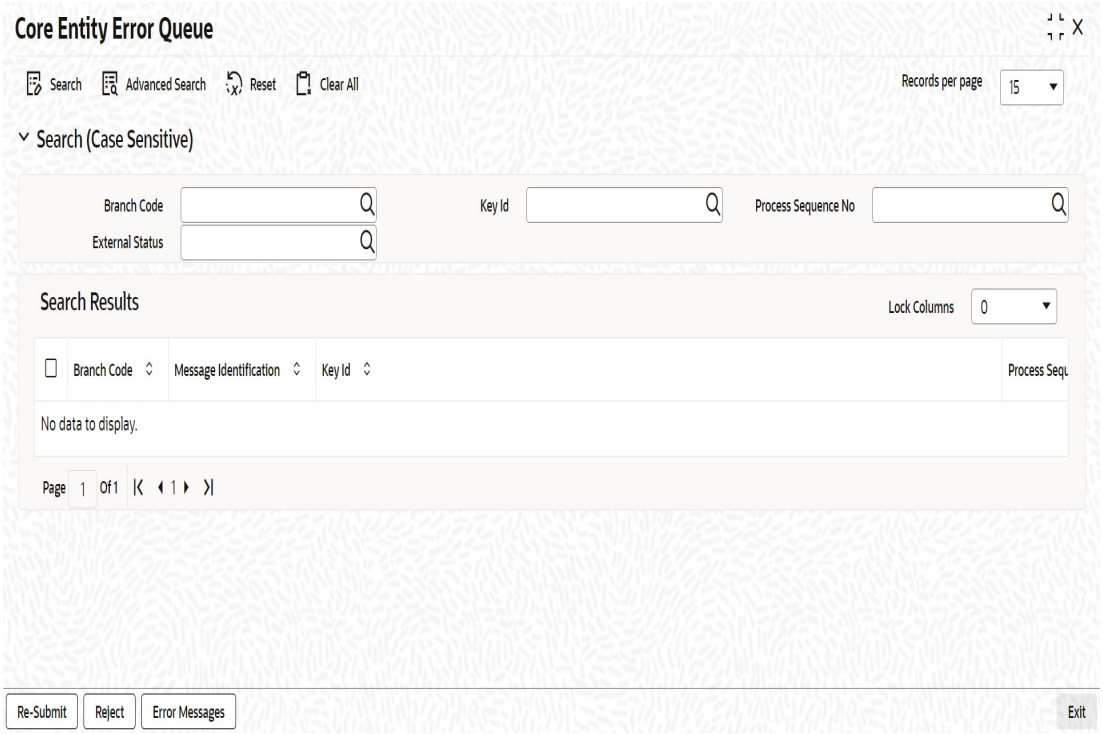
- Based on the Core System response, status of the request will be updated in FCUBS. Status can be Work in Progress (W) Processed (P) and Error.



2.3.2 Core Entity Processing Queue

You can query and perform manual actions on requests using the 'Core Entities Processing Queue' screen. You can invoke this screen by typing 'IFSCRERQ' in the top right corner of the Application toolbar and clicking the adjoining arrow button.

Core entity request is moved to Timed out status based on the time out parameter maintained. If no response is received from the external system within the given time, status is marked as timed out.



In the above screen, you can base your queries on any or all of the following parameters and fetch records:

- Branch Code
- Key ID
- Process Sequence No
- External Status

By default all error records shall be displayed.

Select any or all of the above parameters for a query and click ‘Search’ button. The system displays the following records meeting the selected criteria:

- Branch Code
- Message Identification
- Key Id
- Process Sequence No
- Service Code
- Process Status
- External Status
- Function Id
- Customer No
- Destination Source
- Process
- Authorization Status
- Request Type
- Reference Number
- Simulation
- Time
- Communication Mode
- Checker ID
- Checker Date Stamp
- Maker ID
- Release Time
- Source Sequence No

You can click ‘Resubmit’ and ‘Reject’ buttons in the bottom of the screen to process the error records. External status field will display the type of error like Timeout, Failed etc.

You can submit the record for processing again by selecting single or All records and clicking ‘Resubmit’ button. If the record fails, then the error details can be viewed by clicking ‘Error Messages’ button.

You can also reject such records by clicking ‘Reject’ and can manually create these records in Core.

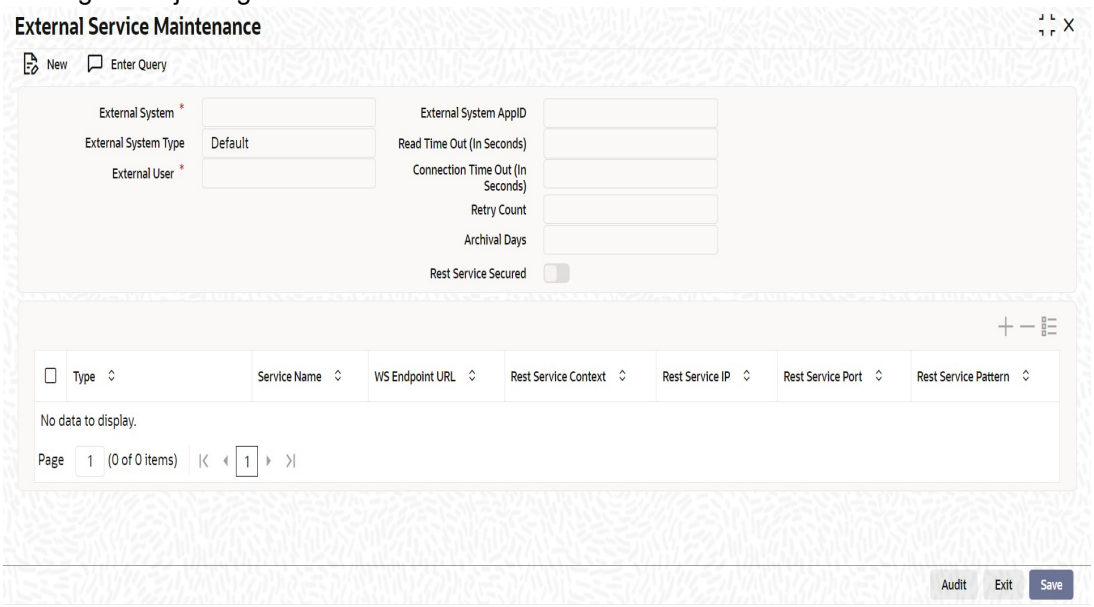
The records that failed due to processing should be handled operationally.

2.3.3 Installation Parameters

Common core integration through gateway services can be achieved only if the external adapter plug-in in the GUI installer is enabled.

2.3.4 Integration Maintenance

You can maintain external services using 'External Service Maintenance' screen. You can invoke this screen by typing 'IFDEXSER' in the top right corner of the Application toolbar and clicking the adjoining arrow button.



You can maintain the following in this screen:

External System

Specify the external system 'FCCORE', Alternatively, you can select the external system from the option list. The list displays all valid values maintained in the system.

Description

The system displays the description based on the external system selected.

External User

Specify the external user. From this user, core entities would be created in core system

External System Type

The system defaults the External System Type.

External System AppID

Specify the External System AppID.

Archival Days

Specify the archival days.

Rest Services Secured

Select the check box.

Read Time Out (In Seconds)

Specify the web service read time out in seconds.

Connection Time Out (In Seconds)

Specify the web service connection time out in seconds.

Retry Count

Specify the retry count for reprocessing the records.

Type

Select the type from the drop-down list i.e. Soap request/Rest service.

Service Name

Specify the service name as ‘FCUBSCoreentitiesService’. Alternatively, you can select the service name from the option list. The list displays all valid service name maintained in the system.

WS Endpoint URL’Provide WS endpoint URL for the ‘FCUBSCoreentitiesService" service.

Rest Service Context

The system displays the rest service context.

Rest Service IP

The system displays the rest service IP.

Rest Service Pattern

The system displays the rest service pattern.

Note

1. If "FCCORE" is already existed, User can modify the following.
   - "Modify WS Endpoint URL where "FCUBSCoreentitiesService" is installed.
   - "Modify the External User to desired user.
2. For all requests, SOURCE set as SOURCE_SYSTEM value in CSTB_PARAM.
3. For maintained SOURCE_SYTEM value, GW maintenance need to be done. (*Refer the section ‘Access Rights to an External System’ in ‘Common Core - Gateway’ user guide*)

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3. Function ID Glossary

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IFDCRERQ 2-2

IFSCRERQ 2-2